Freeform Search

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Term: `L4 and register`

Display: `50` Documents in **Display Format:** `REV` **Starting with Number** `1`

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

[Search] [Clear] [Interrupt]

Search History

DATE: Thursday, December 14, 2006   **Purge Queries**   **Printable Copy**   **Create Case**

Set Name Query	Hit Count	Set Name
side by side		result set
DB=USPT; PLUR=NO; OP=OR		
L5 L4 and register	31	L5
L4 L1 and firmware	121	L4
L3 L2 and download	46	L3
L2 L1 and email	70	L2
L1 717/168-178.ccls. and (URL OR link or webpage or (web adj page))	734	L1

END OF SEARCH HISTORY

```
Set     Items    Description
S1    1409898    S (RECEIV??? OR RECEPTION OR ACCEPT??? OR GET OR GETTING OR GOT OR
IMPORT??? OR DOWNLOAD??? OR DOWN()LOAD??? OR RETRIEV??? OR FETCH??? OR ACQUIR???
OBTAIN??? OR TRANSFER? ? OR TRANSFERR??? OR TRANSFERENCE OR TRANSFERRENCE OR GETS OR
SEND??? OR TRANSMIT??? OR TRANSMIS???? OR RETRANSMIT??? OR RETRANSMIS???? OR
DELIVER??? OR REDELIVER??? OR UPLOAD??? OR FORWARD??? OR ROUT??? OR DISPATCH??? OR
SENT OR DISTRIBUT??? OR REMIT???? OR RESEND??? OR RESENT OR RELAY??? OR ORIGINAT???
OR EMANATING OR EMINATING OR INITIAT??? OR ISSUING OR ((COME? ? OR COMING)() "FROM"
))(5N)(EMAIL??? OR TRANSMISSION? ? OR (E OR ELECTRONIC? OR COMPUTERI? OR AUTOMAT? OR
INSTANT? OR WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT OR AUTOMAT?? OR
INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR MEMO? ? OR
MEMORAND? OR NOTE? ? OR NOTIF??????) OR EMESSAG??? OR MESSAGE? ? OR ETEXT???)
S2    283690    S (UPDAT??? OR ALTER????? OR RECONFIGUR??? OR CONFIGUR???? OR
CHANG????? OR ADAPT????? OR CUSTOMIZ???? OR MODIF?????? OR ACCOMODAT??? OR EDIT???
OR AMEND? OR EMEND? OR UP(W)DAT??? OR MAINTAIN????)(5N)(SOFTWARE OR FIRMWARE OR
PROGRAM? ? OR PROGRAMME? ? OR APPLICATION? ? OR MODULE? ? OR PACKAGE? ? OR ROUTINE?
? OR APPLET? ? OR CODE OR SUBROUTINE? ? OR SUBPROGRAM? ? OR PROCEDURE? ? OR
FUNCTION? ? OR SERVLET? ? OR MIDLET? ? OR JAVA OR (SOFT OR FIRM)()WARE OR TOOL? ? OR
EXECUTABLE? ? OR EXE OR COMPILED OR RUNNABLE OR SCRIPT? ? OR ALGORITHM? ? OR FIX? ?
OR PATCH? ? OR CHAILLET? ? OR DOWNLOADABLE? ? OR OBJECT? ? OR MOBILE(3N)AGENT? ? OR
TASK? ? OR SOURCE? ? OR EXEC? ?)
S3    10895    S (DIRECT??? OR COMMAND??? OR MACRO? ? OR MACROINSTRUCTION? ? OR
INSTRUCT???)(5N)S2
S4    321    S S1 AND S3 AND (EMAIL??? OR TRANSMISSION? ? OR (E OR ELECTRONIC? OR
COMPUTERI? OR AUTOMAT? OR INSTANT? OR WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT
OR AUTOMAT?? OR INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR
MEMO? ? OR MEMORAND? OR NOTE? ? OR NOTIF???????) OR EMESSAG??? OR MESSAGE? ? OR
ETEXT???)/TI
S5    42    S S4 AND (IC=(G06F-015/16 OR G06F-013/00 OR G06F-009/445) OR MC=T01)
S6    29    S S5 NOT (AD=(20010730:20040730) OR AD=(20040731:20070103))

?   show files
```

[File 347] **JAPIO** Dec 1976-2006/Sep(Updated 061230)
(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX** 1963-2006/UD=200701
(c) 2007 The Thomson Corporation. All rights reserved.
*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit
http://www.dialog.com/dwpi/.*

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Set      Items     Description
S1     2091731    S (RECEIV??? OR RECEPTION OR ACCEPT??? OR GET OR GETTING OR GOT OR
IMPORT??? OR DOWNLOAD??? OR DOWN()LOAD??? OR RETRIEV??? OR FETCH??? OR ACQUIR??? OR
OBTAIN??? OR TRANSFER? ? OR TRANSFERR??? OR TRANSFERENCE OR TRANSFERRENCE OR GETS OR
SEND??? OR TRANSMIT??? OR TRANSMIS???? OR RETRANSMIT??? OR RETRANSMIS???? OR
DELIVER??? OR REDELIVER??? OR UPLOAD??? OR FORWARD??? OR ROUT??? OR DISPATCH??? OR
SENT OR DISTRIBUT??? OR REMIT???? OR RESEND??? OR RESENT OR RELAY??? OR ORIGINAT???
OR EMANATING OR EMINATING OR INITIAT??? OR ISSUING OR ((COME? ? OR COMING)() "FROM"
))(5N)(EMAIL??? OR TRANSMISSION? ? OR (E OR ELECTRONIC? OR COMPUTERI? OR AUTOMAT? OR
INSTANT? OR WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT OR AUTOMAT?? OR
INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR MEMO? ? OR
MEMORAND? OR NOTE? ? OR NOTIF??????) OR EMESSAG??? OR MESSAGE? ? OR ETEXT???)
S2      23955    S (EMBED???? OR WITHIN OR ENCLOSED OR "IN" OR INSERT??? OR INCLUD???
OR IMBED???? OR ENCAPSULAT??? OR INTEGRAT??? OR ADD OR ADDING OR ADDED OR ADDITION
OR INSIDE OR ENCAS???)(3N)(URL? ? OR ((INTERNET OR VIRTUAL OR INTRANET OR
EXTRANET)()ADDRESS? ?) OR RESOURCE()LOCAT??? OR WEBPAGE? ? OR WEBSITE? ? OR WWW OR
HYPERLINK? ? OR HYPER()LINK? ? OR HTTP? ? OR (HOME OR WEB)()(PAGE? ? OR DOCUMENT? ?
OR SITE? ?))
S3         0     S AU=((FENGLER L? OR FENGLER, L?) AND (BHATTI K? OR BHATTI, K?))
S4         0     S AU=(FENGLER L? OR FENGLER, L? OR BHATTI K? OR BHATTI, K?) AND
FIRMWARE
S5     874990    S (UPDAT??? OR ALTER????? OR RECONFIGUR??? OR CONFIGUR???? OR
CHANG????? OR ADAPT????? OR CUSTOMIZ???? OR MODIF??????? OR ACCOMODAT??? OR EDIT???
OR AMEND? OR EMEND? OR UP(W)DAT??? OR MAINTAIN????)(5N)(SOFTWARE OR FIRMWARE OR
PROGRAM? ? OR PROGRAMME? ? OR APPLICATION? ? OR MODULE? ? OR PACKAGE? ? OR ROUTINE?
? OR APPLET? ? OR CODE OR SUBROUTINE? ? OR SUBPROGRAM? ? OR PROCEDURE? ? OR
FUNCTION? ? OR SERVLET? ? OR MIDLET? ? OR JAVA OR (SOFT OR FIRM)()WARE OR TOOL? ? OR
EXECUTABLE? ? OR EXE OR COMPILED OR RUNNABLE OR SCRIPT? ? OR ALGORITHM? ? OR FIX? ?
OR PATCH? ? OR CHAILLET? ? OR DOWNLOADABLE? ? OR OBJECT? ? OR MOBILE(3N)AGENT? ? OR
TASK? ? OR SOURCE? ? OR EXEC? ?)
S6      14773    S (DIRECT??? OR COMMAND??? OR MACRO? ? OR MACROINSTRUCTION? ? OR
INSTRUCT???)(5N)S5
S7         0     S S1 AND S2 AND S6
S8       617     S S6 AND S1
S9        10     S S6 AND S2
S10        0     S S8 AND (URL? ? OR ((INTERNET OR VIRTUAL OR INTRANET OR
EXTRANET)()ADDRESS? ?) OR RESOURCE()LOCAT??? OR WEBPAGE? ? OR WEBSITE? ? OR WWW OR
HYPERLINK? ? OR HYPER()LINK? ? OR HTTP? ? OR (HOME OR WEB)()(PAGE? ? OR DOCUMENT? ?
OR SITE? ?))/TI AND (SOFTWARE OR FIRMWARE OR PROGRAM? ? OR PROGRAMME? ? OR
APPLICATION? ? OR MODULE? ? OR PACKAGE? ? OR ROUTINE? ? OR APPLET? ? OR CODE OR
SUBROUTINE? ? OR SUBPROGRAM? ? OR PROCEDURE? ? OR FUNCTION? ? OR SERVLET? ? OR
MIDLET? ? OR JAVA OR (SOFT OR FIRM)()WARE OR TOOL? ? OR EXECUTABLE? ? OR EXE OR
COMPILED OR RUNNABLE OR SCRIPT? ? OR ALGORITHM? ? OR FIX? ? OR PATCH? ? OR CHAILLET?
? OR DOWNLOADABLE? ? OR OBJECT? ? OR MOBILE(3N)AGENT? ? OR TASK? ? OR SOURCE? ? OR
EXEC? ?)/TI
S11      157     S S8 AND ((URL? ? OR ((INTERNET OR VIRTUAL OR INTRANET OR
EXTRANET)()ADDRESS? ?) OR RESOURCE()LOCAT??? OR WEBPAGE? ? OR WEBSITE? ? OR WWW OR
HYPERLINK? ? OR HYPER()LINK? ? OR HTTP? ? OR ((HOME OR WEB)()(PAGE? ? OR DOCUMENT? ?
OR SITE? ?))/TI) OR (SOFTWARE OR FIRMWARE OR PROGRAM? ? OR PROGRAMME? ? OR
APPLICATION? ? OR MODULE? ? OR PACKAGE? ? OR ROUTINE? ? OR APPLET? ? OR CODE OR
SUBROUTINE? ? OR SUBPROGRAM? ? OR PROCEDURE? ? OR FUNCTION? ? OR SERVLET? ? OR
MIDLET? ? OR JAVA OR (SOFT OR FIRM)()WARE OR TOOL? ? OR EXECUTABLE? ? OR EXE OR
COMPILED OR RUNNABLE OR SCRIPT? ? OR ALGORITHM? ? OR FIX? ? OR PATCH? ? OR CHAILLET?
? OR DOWNLOADABLE? ? OR OBJECT? ? OR MOBILE(3N)AGENT? ? OR TASK? ? OR SOURCE? ? OR
EXEC? ?)/TI)
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S12        19    S S11 AND PD<20010730
S13        18    RD  (unique items)
S14        70    S (S8 AND (EMAIL??? OR TRANSMISSION? ? OR (E OR ELECTRONIC? OR
COMPUTERI? OR AUTOMAT? OR INSTANT? OR WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT
OR AUTOMAT?? OR INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR
MEMO? ? OR MEMORAND? OR NOTE? ? OR NOTIF???????) OR EMESSAG??? OR MESSAGE? ? OR
ETEXT???)/TI) NOT (S9 OR S13)
S15        62    RD  (unique items)
S16         7    S S15 AND PD<20010730
S17        55    S S15 NOT S16
```

? show files

[File 2] **INSPEC** 1898-2006/Dec W2

[File 6] **NTIS** 1964-2006/Dec W3

[File 8] **Ei Compendex(R)** 1970-2007/Dec W4
File 8: The file has been reprocessed and accession numbers have changed. See HELP NEWS988 for details.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Dec W5

[File 35] **Dissertation Abs Online** 1861-2006/Nov

[File 56] **Computer and Information Systems Abstracts** 1966-2006/Dec

[File 57] **Electronics & Communications Abstracts** 1966-2006/Dec

[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2006/Dec

[File 65] **Inside Conferences** 1993-2006/Dec 15

[File 94] **JICST-EPlus** 1985-2006/Sep W2

[File 95] **TEME-Technology & Management** 1989-2007/Dec W5

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2006/Nov

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Dec 14

[File 144] **Pascal** 1973-2006/Dec W1

[File 256] **TecInfoSource** 82-2006/Jul

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

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Set     Items    Description
S1   3026072    S (RECEIV??? OR RECEPTION OR ACCEPT??? OR GET OR GETTING OR
GOT OR IMPORT??? OR DOWNLOAD??? OR DOWN()LOAD??? OR RETRIEV??? OR FETCH??? OR
ACQUIR??? OR OBTAIN??? OR TRANSFER? ? OR TRANSFERR??? OR TRANSFERENCE OR
TRANSFERRENCE OR GETS OR SEND??? OR TRANSMIT??? OR TRANSMIS???? OR
RETRANSMIT??? OR RETRANSMIS???? OR DELIVER??? OR REDELIVER??? OR UPLOAD??? OR
FORWARD??? OR ROUT??? OR DISPATCH??? OR SENT OR DISTRIBUT??? OR REMIT???? OR
RESEND??? OR RESENT OR RELAY??? OR ORIGINAT??? OR EMANATING OR EMINATING OR
INITIAT??? OR ISSUING OR ((COME? ? OR COMING)() "FROM" ))(5N)(EMAIL??? OR
TRANSMISSION? ? OR (E OR ELECTRONIC? OR COMPUTERI? OR AUTOMAT? OR INSTANT? OR
WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT OR AUTOMAT?? OR
INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR MEMO? ? OR
MEMORAND? OR NOTE? ? OR NOTIF???????) OR EMESSAG??? OR MESSAGE? ? OR
ETEXT???)
S2   1438739    S (EMBED???? OR WITHIN OR ENCLOSED OR "IN" OR INSERT??? OR
INCLUD??? OR IMBED???? OR ENCAPSULAT??? OR INTEGRAT??? OR ADD OR ADDING OR
ADDED OR ADDITION OR INSIDE OR ENCAS???)(3N)(URL? ? OR ((INTERNET OR VIRTUAL
OR INTRANET OR EXTRANET)()ADDRESS? ?) OR RESOURCE()LOCAT??? OR WEBPAGE? ? OR
WEBSITE? ? OR WWW OR HYPERLINK? ? OR HYPER()LINK? ? OR HTTP? ? OR (HOME OR
WEB)()(PAGE? ? OR DOCUMENT? ? OR SITE? ?))
S3   2700464    S (UPDAT??? OR ALTER????? OR RECONFIGUR??? OR CONFIGUR???? OR
CHANG????? OR ADAPT????? OR CUSTOMIZ???? OR MODIF??????? OR ACCOMODAT??? OR
EDIT??? OR AMEND? OR EMEND? OR UP(W)DAT??? OR MAINTAIN????)(5N)(SOFTWARE OR
FIRMWARE OR PROGRAM? ? OR PROGRAMME? ? OR APPLICATION? ? OR MODULE? ? OR
PACKAGE? ? OR ROUTINE? ? OR APPLET? ? OR CODE OR SUBROUTINE? ? OR SUBPROGRAM?
? OR PROCEDURE? ? OR FUNCTION? ? OR SERVLET? ? OR MIDLET? ? OR JAVA OR (SOFT
OR FIRM)()WARE OR TOOL? ? OR EXECUTABLE? ? OR EXE OR COMPILED OR RUNNABLE OR
SCRIPT? ? OR ALGORITHM? ? OR FIX? ? OR PATCH? ? OR CHAILLET? ? OR
DOWNLOADABLE? ? OR OBJECT? ? OR MOBILE(3N)AGENT? ? OR TASK? ? OR SOURCE? ? OR
EXEC? ?)
S4     64741    S (DIRECT??? OR COMMAND??? OR MACRO? ? OR MACROINSTRUCTION? ?
OR INSTRUCT???)(5N)S3
S5        26    S S1(S)S2(S)S4
S6        18    RD  (unique items)
S7      1504    S (S4(S)(S2 OR S1)) NOT S6
S8        87    S S7 AND (EMAIL??? OR (E OR ELECTRONIC? OR COMPUTERI? OR
AUTOMAT? OR INSTANT? OR WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT OR
AUTOMAT?? OR INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR
MEMO? ? OR MEMORAND? OR NOTE? ? OR NOTIF???????) OR EMESSAG??? OR
ETEXT???)/TI
S9        48    RD  (unique items)

?  show files
```

File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more

[File 484] **Periodical Abs Plustext** 1986-2007/Dec W5

[File 613] **PR Newswire** 1999-2007/Jan 04
File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.

[File 813] **PR Newswire** 1987-1999/Apr 30

[File 239] **Mathsci** 1940-2006/Jan

[File 370] **Science** 1996-1999/Jul W3
File 370: This file is closed (no updates). Use File 47 for more current information.

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Jan 04

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Dec 27

[File 674] **Computer News Fulltext** 1989-2006/Sep W1
File 674: File 674 is closed (no longer updates).

[File 88] **Gale Group Business A.R.T.S.** 1976-2007/Dec 27

[File 369] **New Scientist** 1994-2007/Oct W2

[File 160] **Gale Group PROMT(R)** 1972-1989

[File 635] **Business Dateline(R)** 1985-2007/Jan 03

[File 15] **ABI/Inform(R)** 1971-2007/Jan 04

[File 9] **Business & Industry(R)** Jul/1994-2007/Jan 01

[File 13] **BAMP** 2006/Dec W3

[File 810] **Business Wire** 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 610] **Business Wire** 1999-2007/Jan 04
(c) 2007 Business Wire. All rights reserved.
File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.

[File 647] **CMP Computer Fulltext** 1988-2007/Mar W1
(c) 2007 CMP Media, LLC. All rights reserved.

[File 98] **General Sci Abs** 1984-2006/Dec
(c) 2006 The HW Wilson Co. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Dec 28
(c)2007 The Gale Group. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2006/Dec 28
(c) 2007 San Jose Mercury News. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Jan 01
(c) 2007 The Gale Group. All rights reserved.

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Set      Items    Description
S1       482228   S (RECEIV??? OR RECEPTION OR ACCEPT??? OR GET OR GETTING OR
GOT OR IMPORT??? OR DOWNLOAD??? OR DOWN()LOAD??? OR RETRIEV??? OR FETCH??? OR
ACQUIR??? OR OBTAIN??? OR TRANSFER? ? OR TRANSFERR??? OR TRANSFERENCE OR
TRANSFERRENCE OR GETS OR SEND??? OR TRANSMIT??? OR TRANSMIS???? OR
RETRANSMIT??? OR RETRANSMIS???? OR DELIVER??? OR REDELIVER??? OR UPLOAD??? OR
FORWARD??? OR ROUT??? OR DISPATCH??? OR SENT OR DISTRIBUT??? OR REMIT???? OR
RESEND??? OR RESENT OR RELAY??? OR ORIGINAT??? OR EMANATING OR EMINATING OR
INITIAT??? OR ISSUING OR ((COME? ? OR COMING)() "FROM" ))(5N)(EMAIL??? OR
TRANSMISSION? ? OR (E OR ELECTRONIC? OR COMPUTERI? OR AUTOMAT? OR INSTANT? OR
WEB OR FACE OR CERTIFIED OR WEB()BASED OR HOT OR AUTOMAT?? OR
INSTANT?)(W)(MAIL??? OR CORRESPONDEN? OR DOCUMENT? OR LETTER? OR MEMO? ? OR
MEMORAND? OR NOTE? ? OR NOTIF???????) OR EMESSAG??? OR MESSAGE? ? OR
ETEXT???)
S2       32610    S (EMBED???? OR WITHIN OR ENCLOSED OR "IN" OR INSERT??? OR
INCLUD??? OR IMBED???? OR ENCAPSULAT??? OR INTEGRAT??? OR ADD OR ADDING OR
ADDED OR ADDITION OR INSIDE OR ENCAS???)(3N)(URL? ? OR ((INTERNET OR VIRTUAL
OR INTRANET OR EXTRANET)()ADDRESS? ?) OR RESOURCE()LOCAT??? OR WEBPAGE? ? OR
WEBSITE? ? OR WWW OR HYPERLINK? ? OR HYPER()LINK? ? OR HTTP? ? OR (HOME OR
WEB)()(PAGE? ? OR DOCUMENT? ? OR SITE? ?))
S3       853905   S (UPDAT??? OR ALTER????? OR RECONFIGUR??? OR CONFIGUR???? OR
CHANG????? OR ADAPT????? OR CUSTOMIZ???? OR MODIF??????? OR ACCOMODAT??? OR
EDIT??? OR AMEND? OR EMEND? OR UP(W)DAT??? OR MAINTAIN????)(5N)(SOFTWARE OR
FIRMWARE OR PROGRAM? ? OR PROGRAMME? ? OR APPLICATION? ? OR MODULE? ? OR
PACKAGE? ? OR ROUTINE? ? OR APPLET? ? OR CODE OR SUBROUTINE? ? OR SUBPROGRAM?
? OR PROCEDURE? ? OR FUNCTION? ? OR SERVLET? ? OR MIDLET? ? OR JAVA OR (SOFT
OR FIRM)()WARE OR TOOL? ? OR EXECUTABLE? ? OR EXE OR COMPILED OR RUNNABLE OR
SCRIPT? ? OR ALGORITHM? ? OR FIX? ? OR PATCH? ? OR CHAILLET? ? OR
DOWNLOADABLE? ? OR OBJECT? ? OR MOBILE(3N)AGENT? ? OR TASK? ? OR SOURCE? ? OR
EXEC? ?)
S4       22639    S (DIRECT??? OR COMMAND??? OR MACRO? ? OR MACROINSTRUCTION? ?
OR INSTRUCT???)(5N)S3
S5          79    S S1(S)S2(S)S4
S6          45    S S5 NOT (PD=(20010730:20040730) OR PD=(20040731:20070103))
S7         133    S (S1 AND S2 AND S4 AND IC=(G06F-015/16 OR G06F-013/00 OR
G06F-009/45)) NOT S6
S8          32    S S7 NOT (PD=(20010730:20040730) OR PD=(20040731:20070103))

?   show files
```

[File 348] **EUROPEAN PATENTS** 1978-2006/ 200701
File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.

[File 349] **PCT FULLTEXT** 1979-2006/UB=20061228UT=20061221
File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.

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6/5/1 (Item 1 from file: 348) **Links**
EUROPEAN PATENTS
00887462
Automatic updating of diverse software products on multiple client computer system
Automatische Aktualisierung von verschiedenen Softwareprodukten in Mehr-Client-Rechnersystemen
Mise a jour automatique de produits logiciels divers dans des systemes ordinateurs a clients multiples

Patent Assignee:

A. **Cyber Media, Incorporated; (2325690)**
    3000 Ocean Park Boulevard, Suite 2001; Santa Monica, CA 90405; (US)
    (applicant designated states: AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

Inventor:

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    406 N. Alhambra Road; San Gabriel, CA. 91775; (US)

C. **Hwang, Kenneth**
    11733 Kiowa Avenue, No. 101; Los Angeles, CA. 90049; (US)

D. **Kannan, Ravi**
    660 Veteran Avenue, Apartment No.111; Los Angeles, CA. 90024; (US)

E. **Katchapalayam, Babu**
    11826 Kiowa Avenue, No. 101; Los Angeles, CA. 90049; (US)

F. **Liu, Bing**
    1016 S. Second Street; Alhambra, CA. 91801; (US)

G. **Narasimhan, Balaji**
    5870 Green Valley Circle, No. 207; Culver City, CA. 90230; (US)

H. **Ramanujam, Gopal**
    3640 South Sepulveda Blvd., Apartment No.136; Los Angeles, CA 90034; (US)

I. **Tran, Jonathan**
    1842 Marguerita Avenue; Alhambra, CA. 91803; (US)

Legal Representative:

J. **Liesegang, Roland, Dr.-Ing. et al (7741)**
    FORRESTER & BOEHMERT Franz-Joseph-Strasse 38; 80801 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	811942	A2	19971210	(Basic)
	EP	811942	A3	19990210	
Application	EP	97109222		19970606	
Priorities	US	660488		19960607	

Designated States:
DE; ES; FI; FR; GB; IE; IT; NL; SE;

International Patent Class (V7): G06F-017/60; ; **Abstract** EP 811942 A2

A system and method update client computers of various end users with software updates for software products installed on the client computers, the software products manufacturered by diverse, unrelated software vendors. The system includes a service provider computer system, a number of client computers and software vendor computer systems communicating on a common network. The service provider computer system stores in an update database information about the software updates of the diverse software vendors, identifying the software products for which software updates are available, their location on the network at the various software vendor computer systems, information for identifying in the client computers the software products stored thereon, and information for determining for such products, which have software updates available. Users of the client computers connect to the service provider computer and obtain a current version of portions of the database. The client computer determines that software products stored thereon, and using this information, determines from the database, which products have updates available, based on product name and release information for the installed products. The user selects updates for installation. The selected updates are downloaded from the software vendor computer systems and installed on the client computer. Payment for the software update and the service is mediated by the service provider computer. Authentication of the user ensures only registered users obtain software updates. Authentication of the software updates ensures that the software updates are virus free and uncorrupted. Changes to the client computer during installation are monitored and archived, allowing the updates to be subsequently removed by the user.

Abstract Word Count: 260

Type	Pub. Date	Kind	Text
Examination:	20010523	A2	Date of dispatch of the first examination report: 20010406
Application:	19971210	A2	Published application (A1with;A2without)
Refusal:	20030507	A2	Date European patent application was refused: 20021214
Change:	19971229	A2	Inventor (change)
Search Report:	19990210	A3	Separate publication of the European or International search report
Examination:	19990915	A2	Date of request for examination: 19990713

Publication: English
Procedural: English
Application:English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9712W1	1854
SPEC A	(English)	9712W1	13371
Total Word Count (Document A) 15225			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 15225			

Specification: ...products for which the user has expressed an interest. Specifically, when a new software update or software product is available, the service provider computer 102 **sends** an **email** to those users who have requested notification by email. The email contains information about the software update, and may include the record from the update table 807 about the software update, **including** the **URL** data 823 used to access the software update files. The client application 104 would then read the update information, and verify that the software update... ...for installation. If the software updates are approved by the user, the client application 104 downloads the software update, verifies its integrity, and installs the **software update directly**, without having to login 201 to the service provider computer 102, and analyze 204 the software products installed on the client computer 101. In the...